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**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**  
( )

05-E CAB  
File No. 0045-02

Mr. Robert Creps  
Senior Vice President  
Grace Pacific Corporation  
P. O. Box 78  
Honolulu, Hawaii 96810

Dear Mr. Creps:

**Subject: Permit Amendment**  
**Temporary Covered Source Permit (CSP) No. 0045-02-CT**  
**Minor Modification Application No. 0045-19**  
**Grace Pacific Corporation**  
**334 TPH Hot Mix Asphalt Facility**  
**Located at: 91-920 Farrington Highway, Kapolei, Oahu**  
**Date of Expiration: November 8, 2009**

Pursuant to your application for a Minor Modification dated July 12, 2005, and the additional information provided on July 26, 2005 and August 22, 2005, the subject Temporary Covered Source Permit is hereby amended in accordance with Hawaii Administrative Rules, Title 11, Chapter 60.1.

This amendment will add synthetic and liquefied petroleum gases as alternate fuels for the 725 kW Caterpillar diesel engine generator, de-rated to 544 kW, model 3412. Minor changes were made to the monitoring and recordkeeping requirements to ensure compliance with the amended operating conditions.

The following permit conditions are **amended**:

Attachment II  
Section C. Operational and Emission Limitations

1. Operational Restrictions
  - e. The total heat input to the diesel engine generator shall not exceed 14,722 MMBtu in any rolling twelve (12) month period.
2. Fuel Specifications
  - a. Diesel Engine Generator

The diesel engine generator may be fired on:

- i. Fuel oil no. 2 with a maximum sulfur content not to exceed 0.5% by weight; or
- ii. Synthetic or liquefied petroleum gas.

#### Section D. Monitoring and Recordkeeping Requirements

##### 3. Fuel Consumption

###### a. Diesel Engine Generator

Records shall be kept on the amount of fuel consumed by the diesel engine generator on a daily, monthly, and twelve (12) month rolling basis. These records shall be used to demonstrate compliance with the heat input limitation specified in this Attachment, Special Condition No. C.1.e.

For the consumption of synthetic or liquefied petroleum gas, the permittee shall at its own expense install and maintain a non-resetting fuel metering system on the diesel engine generator.

For the consumption of fuel oil, the permittee shall take dipstick readings from the fuel oil storage tank supplying fuel to the diesel engine generator.

Records shall include:

- i. Date of the readings;
- ii. Beginning and ending readings of the fuel meter and dipstick during start-up and shutdown of the portable drum-mix HMA plant each day;
- iii. Total fuel consumption of each fuel type for each day;
- iv. Total fuel consumption of each fuel type for each month;
- v. Total fuel consumption of each fuel type on a twelve (12) month rolling basis; and
- vi. Recorder's name and initials.

#### Section E. Notification and Reporting Requirements

##### 6. Monitoring Reports

###### a. Diesel Engine Generator

- i. The total heat input to the diesel engine generator on a monthly and 12-month rolling basis.

The Monitoring/Annual Emissions Report Form: *Fuel Consumption, Certification, and Operating Hours - Diesel Engine Generator* has also been amended. The revised report form is enclosed for your use.

All other permit conditions of CSP No. 0045-02-CT issued on November 9, 2004 and the modification issued on June 21, 2005 shall not be affected and shall remain valid.

Sincerely,

THOMAS E. ARIZUMI, P.E., CHIEF  
Environmental Management Division

Mr. Robert Creps

date

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Ronald Ho - CIP Coordinator  
CAB Monitoring Section

**MONITORING/ANNUAL EMISSIONS REPORT FORM  
FUEL CONSUMPTION, CERTIFICATION, AND OPERATING HOURS  
DIESEL ENGINE GENERATOR  
TEMPORARY COVERED SOURCE PERMIT NO. 0045-02-CT  
(PAGE 1 OF 2)**

**Issuance Date:** November 9, 2004

**Expiration Date:** November 8, 2009

In accordance with the Hawaii Administrative Rules, Title 11, Chapter 60.1, Air Pollution Control, the permittee shall report to the Department of Health the following information semi-annually:

For Period: \_\_\_\_\_ Date: \_\_\_\_\_

Facility Name: Grace Pacific Corp., 334 TPH Hot Mix Asphalt Facility

Equipment Description: 775 kW Caterpillar Diesel Engine Generator de-rated to 544 kW

Serial/ID No.: Model 3412, serial no. 2WJ01364

Equipment Location: \_\_\_\_\_

**I certify that I have knowledge of the facts herein set forth, that the same are true, accurate and complete to the best of my knowledge and belief, and that all information not identified by me as confidential in nature shall be treated by the Department of Health as public record.**

Responsible Official (print): \_\_\_\_\_

Title: \_\_\_\_\_

Responsible Official (signature): \_\_\_\_\_

**1. DAILY LIMITATION EXCEEDENCES**

Indicate in the table below, each day that the diesel engine generator 20 hour/day operating limitation, as specified in Special Condition No. C.1.c., was exceeded. Also indicate if there were no exceedences during this reporting period.

Date of Exceedence	Hours of Operation			Reason for Exceeding the Daily Time Limit
	Start-up Time	Shutdown Time	Daily Total	

**MONITORING/ANNUAL EMISSIONS REPORT FORM**  
**FUEL CONSUMPTION, CERTIFICATION, AND OPERATING HOURS**  
**DIESEL ENGINE GENERATOR**  
**TEMPORARY COVERED SOURCE PERMIT NO. 0045-02-CT**  
**(PAGE 2 OF 2)**

**Issuance Date:** November 9, 2004

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**2. HEAT INPUT**

Month	Fuel Oil No. 2		Synthetic or Liquefied Petroleum Gas		Total Heat Input (MMBtu)
	Consumption (gal/month)	Heat Input <sup>1</sup> (MMBtu)	Consumption (therms/month)	Heat Input <sup>2</sup> (MMBtu)	
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					

1 - heat input = gal/month x 0.137 MMBtu/gal

2 - heat input = therms/month x 0.100 MMBtu/therm

**3. FUEL CERTIFICATION**

Type of Fuel Fired	% Sulfur Content by weight
Fuel Oil No. 2	
SNG/LPG	